

		Application Number	10/501,378
			10/301,370
		Filing Date	July 13, 2004
TRANSMITTAL FOR	M	First Named Inventor	Yaochu Jin
(to be used for all correspondence during pendency of filed application)		Group Art Unit Number	Not Yet Known
		Examiner Name	Not Yet Known
Total Number of Pages in This Submission	6*	Attorney Docket Number	23077-09265
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filed application)	G	oup Art Unit Number	Not Yet K	nown
	Ex	aminer Name	Not Yet K	nown
Total Number of Pages in This Submission 6*	At	torney Docket Number	23077-092	65
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Fee Transmittal Form (in duplicate) Check Enclosed Return Receipt Postcard Response to Notice to File Missing Parts Assignment & Recordation Cover Sheet Declaration Power of Attorney Application Data Sheet Information Disclosure Statement & PTO/SB/C Copies of IDS Cited References Request for Corrected Filing Receipt Request for Correction of Recorded Assignment Amendment/Response: [] Page(s) After Final Status Request Revocation and Substitute Power of Attorney	08A	Issue Fee Transr Letter to Chief Dr Formal Drawing(s	mittal raftsperson s): c) of Figure(s) [cation to Boar cation to Grou Brief, Reply Bri Priority Docum	d of Appeals and p ief) nent(s)
REMARKS: *Page count does not include cited ref	erences.			
SIGNATURE	OF AT	FORNEY OR AGEN	IT,	
Signature:	/			
Attomey/Reg. No.: John T. McNelis, Reg. No. 3	37,186		Dated:	26 MAY 2005
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MAY 3 1 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPINCANT:

Yaochu Jin et al.

APPLICATION NO.:

10/501,378

FILING DATE:

July 13, 2004

TITLE:

Fuzzy Preferences In Multi-Objective Optimization (MOO)

EXAMINER:

Not Yet Known

GROUP ART UNIT:

Not Yet Known

ATTY. DKT. NO.:

23077-09265

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SIR:

Pursuant to the provisions of 37 CFR §§ 1.56 and 1.97-98, enclosed herewith is modified form PTO/SB/08A listing references for consideration by the Examiner.

The filing of this Information Disclosure Statement shall not be construed as a representation regarding the completeness of the list of references, or that inclusion of a reference in this list is an admission that it is prior art or is pertinent to this application, or that a search has been made, or as an admission that the information listed is, or may be considered to be, material to patentability, or that no other material information exists, and shall not be construed as an admission against interest in any manner.

This Information Disclosure Statement is being filed:

\boxtimes	within three months of the filing date of the application, or date of entry into
	the national stage of an international application, or before the mailing date of
	a first office action on the merits, whichever event last occurred;
	before the mailing of a first official action after the filing of a request for
	continued examination (RCE) under 37 CFR § 1.114;

_	artort	in co inc	onthis of the filling date of this hational application of the date of
	entry o	of the n	ational stage in an international application, or after the mailing
	date o	f the fir	est official action on the merits, whichever event last occurred, but
	before	the ma	ailing date of the first to occur of either: (1) a final action under
	37 CF	R §1.11	13; or (2) an action that otherwise closes prosecution in the
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	Ċ	attacl	hed hereto is the fee set forth under 37 CFR §1.17(p) for
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		Appl	icant certifies pursuant to 37 CFR § 1.97(e) that:
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			foreign patent office in a counterpart foreign application and,
			to the knowledge of the person signing this certification after
			making reasonable inquiry, no item of information contained
			in this Statement was known to any individual designated
			under 37 CFR § 1.56(c) more than three months prior to the
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	to occ	cur of e	ither: (1) a final action under 37 CFR § 1.113; (2) a notice of
	allow	ance un	nder 37 CFR § 1.311; or (3) an action that otherwise closes
	prose	cution i	in the application, and:
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			Disclosure Statement was cited in a communication from a
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		contained in this Information Disclosure Statement be placed in the file
		according to 37 CFR § 1.97(i), although the information may not be
		considered by the USPTO.
	\boxtimes	•
		Enclosed is a copy of each listed reference that may be material to the examination of
		this application, and for which there may be a duty to disclose.
		This application relies, under 35 U.S.C. § 120, on the earlier filing date of prior
		application No, filed on, and the references cited therein are hereby
•		referenced, but are not required to be provided in this application under 37 CFR §
		1.98(d).
		This application was filed after June 30, 2003. Therefore, pursuant to the waiver of
		the requirements under 37 CFR 1.98(a)(2)(i), copies of each U.S. Patent and each
		U.S. Patent Application Publication are not required to be submitted. Copies of any
	•	foreign patent documents and non-patent literature cited herein are enclosed.
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		Statement. 37 CFR § 1.704(d).
	X	Applicant submits that no fee is required for the consideration of this Information
		Disclosure Statement.
	Consid	leration of the listed references and favorable action are solicited.
		Respectfully submitted,
		YAOCHU JIN ET AL.
		A
Dated:	26	May 2005 By: John 1.
Dateu.		John T. McNelis, Reg. No.: 37,186
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Substitute for fo	rm 1449/	VPTO	Complete if Known		
MFORMAZION	יפוח	CLOSUPE	Application No.	10/501,378	
STATEMENT B	V AE	DDITCANT	Filing Date	July 13, 2004	
MAY 3 1 2005 H) i Ar	PLICANI	First Named Inventor	Yaochu Jin	
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.59			Examiner Name	Not Yet Known	
Sheet	of	2	Attorney Docket Number	23077-09265	

	U.S. PATENT DOCUMENTS				
		Document No.			
Examiner Initials*	Cite No. ¹	Number – Kind Code ² (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	
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			FOREIGN PATENT	DOCUMENTS	
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		OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ⁶
	C1	BLUMEL, A. et al., "Multiobjective Optimization Of Fuzzy Logic Scheduled Controllers For Missile Autopilot Design," IEEE, 2001, pp. 1758-1763.	
	C2	COELLO COELLO, C.A., "Handling Preferences In Evolutionary Multiobjective Optimization: A Survey," IEEE, 2000, pp. 30-37.	
	СЗ	CVETKOVIC, D. et al., "Use Of Preferences For GA-Based Multi-Objective Optimisation," In GECCO '99, July 13-17, 1999, 6 pages.	
	C4	DASGUPTA, D. et al., "Evolutionary Algorithms - An Overview," 11 pages.	
	C5	DEB, K., "Evolutionary Algorithms For Multi-Criterion Optimization In Engineering Design," 14 pages.	-
	C6	FONSECA, C. et al., "Multiobjective Optimization And Multiple Constraint Handling With Evolutionary Algorithms – Part I: A Unified Formulation," IEEE Transactions On Systems, Man, And Cybernetics – Part A: Systems And Humans, IEEE, January 1998, pp. 26-37, Vol. 28, No. 1.	
	C7	International Search Report, PCT/EP02/14002, March 21, 2003, 4 pages.	
	C8	JIN, Y. et al., "Adapting Weighted Aggregation For Multiobjective Evolution Strategies," 2001, pp. 96-110, Springer-Verlag Berlin Heidelberg.	
	C9.	JIN, Y. et al., "Dynamic Weighted Aggregation For Evolutionary Multi-Objective Optimization: Why Does It Work And How?" 8 pages.	

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Substitute for form 1449A/PTO	Complete if Known		
INFORMATION DISCLOSURE	Application No.	10/501,378	
STATEMENT BY APPLICANT	Filing Date	July 13, 2004	
/ 🖼	First Named Inventor	Yaochu Jin	
MAY 3 1 2008 2	Art Unit	Not Yet Known	
P. MAII.	Examiner Name	Not Yet Known	
Sheet 2 of 2	Attorney Docket Number	23077-09265	
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Examiner Initials* Cite No.¹ Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (be journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or compublished C10 JIN, Y. et al., "Managing Approximate Models In Evolutionary Aerodynamic Design Optimization," IEEE, 2001 VAN VELDHUIZEN, D. A. et al., "Multiobjective Evolutionary Algorithms: Analyzing The State-Of-The-Art," Excomputation, 2000, pp. 125-147, Volume 8, No. 2. C12 Written Opinion, PCT/EP02/14002, April 30, 2004, 8 pages.	ountry where 01, pp. 592-599.	T ⁶
C11 VAN VELDHUIZEN, D. A. et al., "Multiobjective Evolutionary Algorithms: Analyzing The State-Of-The-Art," Ev Computation, 2000, pp. 125-147, Volume 8, No. 2.		
VAN VELDHUIZEN, D. A. et al., "Multiobjective Evolutionary Algorithms: Analyzing The State-Of-The-Art," Ex Computation, 2000, pp. 125-147, Volume 8, No. 2.	volutionary	
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